

FIG. 3

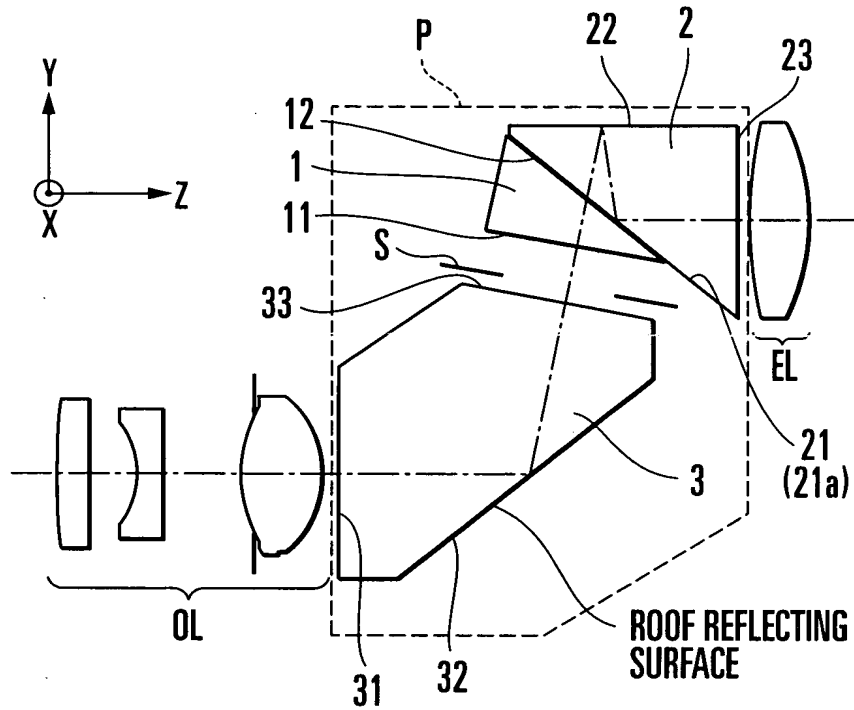


FIG. 4

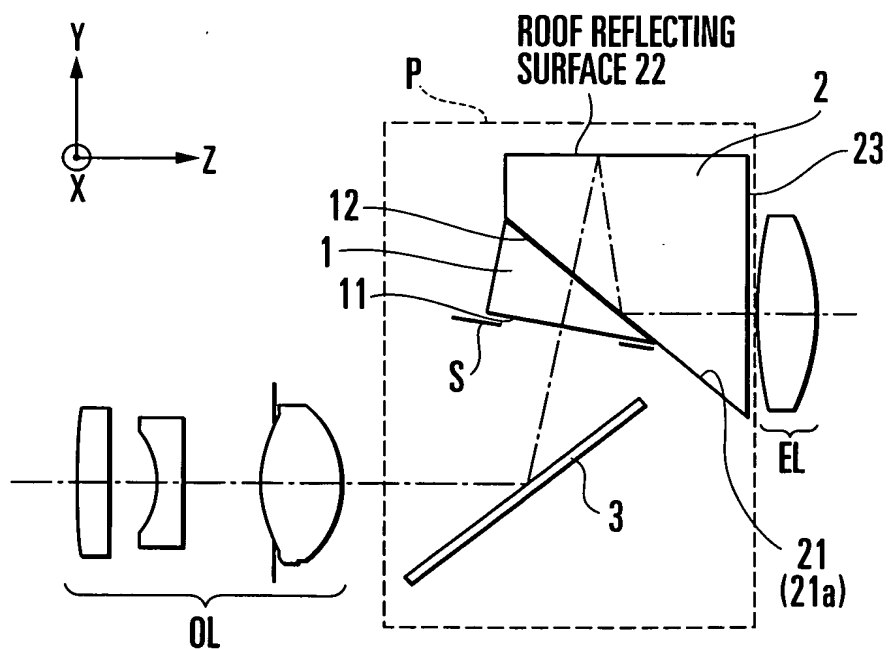


FIG. 5

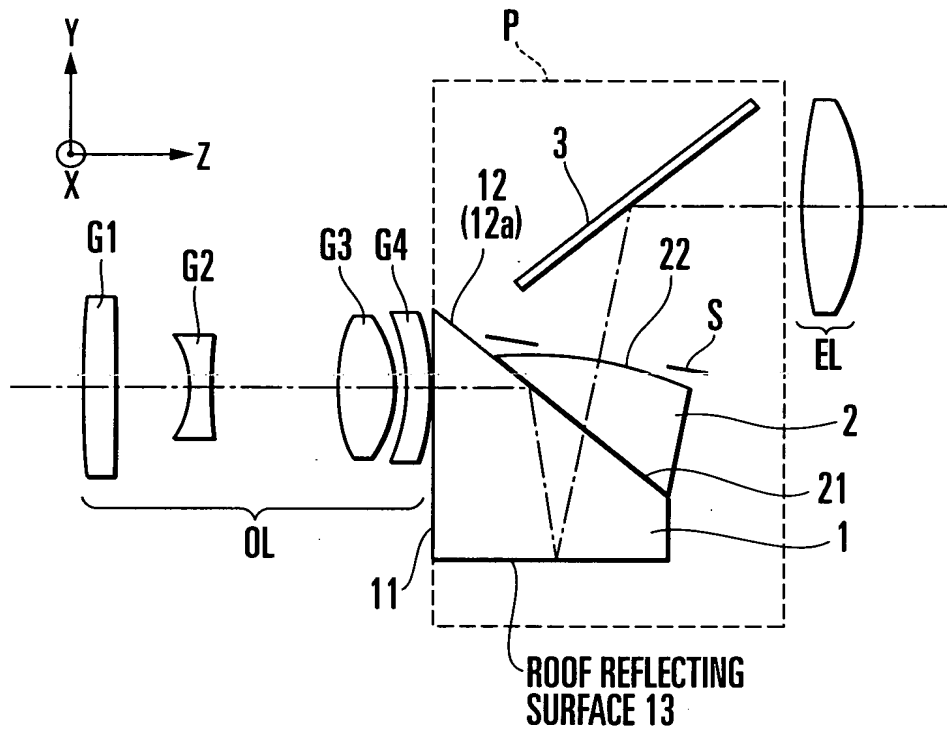


FIG. 6

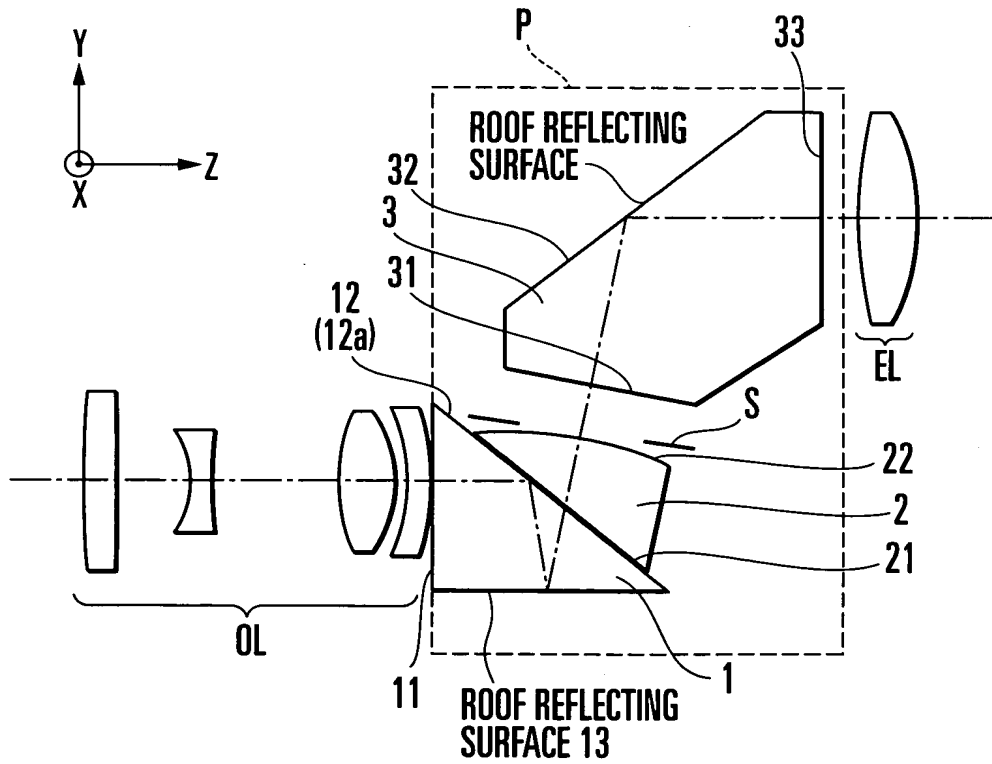




FIG. 9

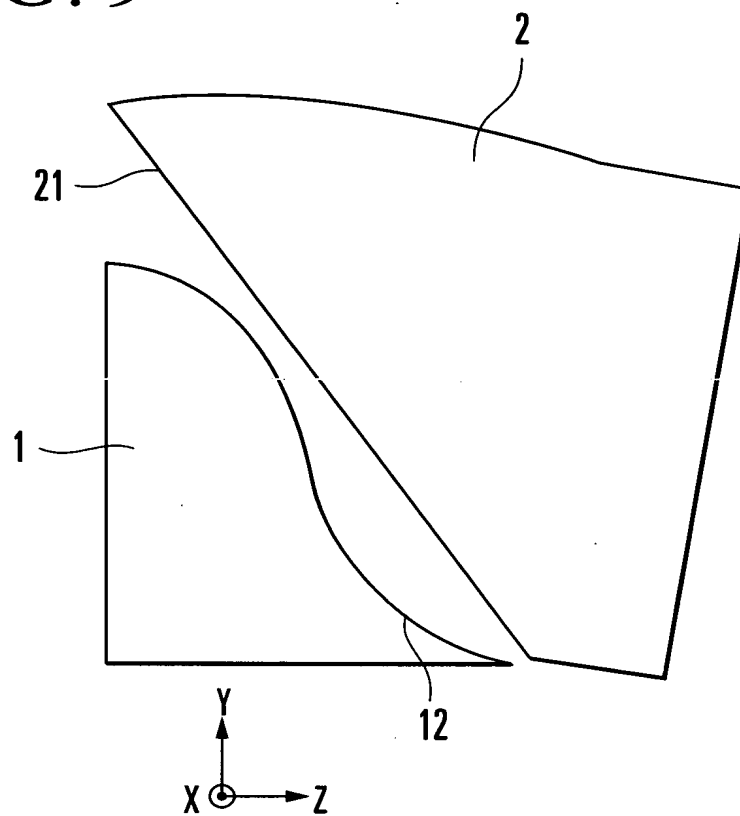
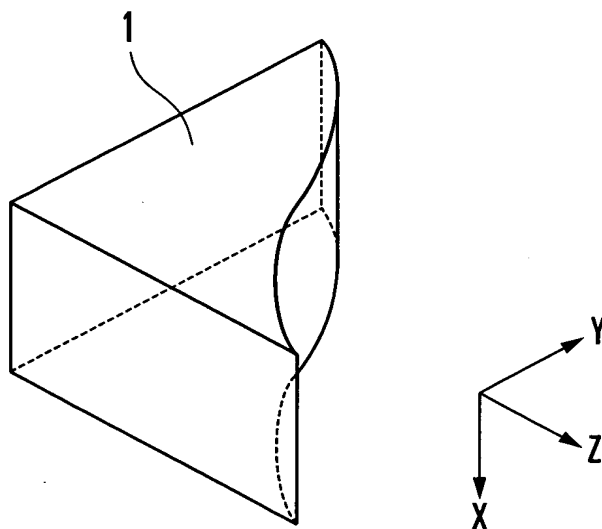


FIG. 10



002200-40024960

FIG.12(A) WIDE-ANGLE END

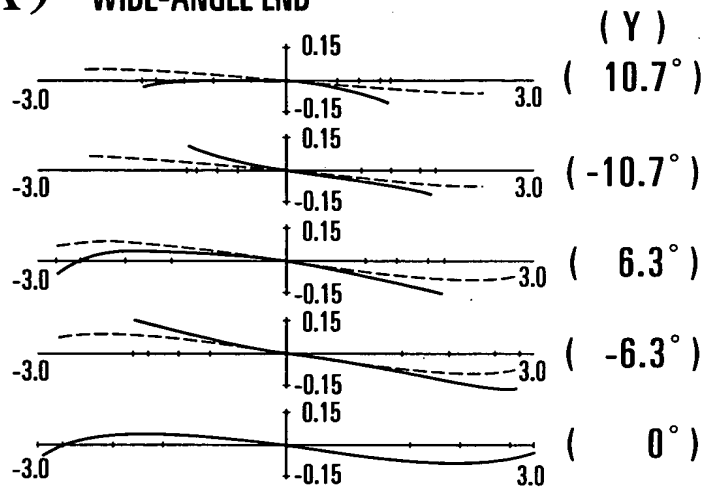


FIG.12(B) MIDDLE FOCAL LENGTH POSITION

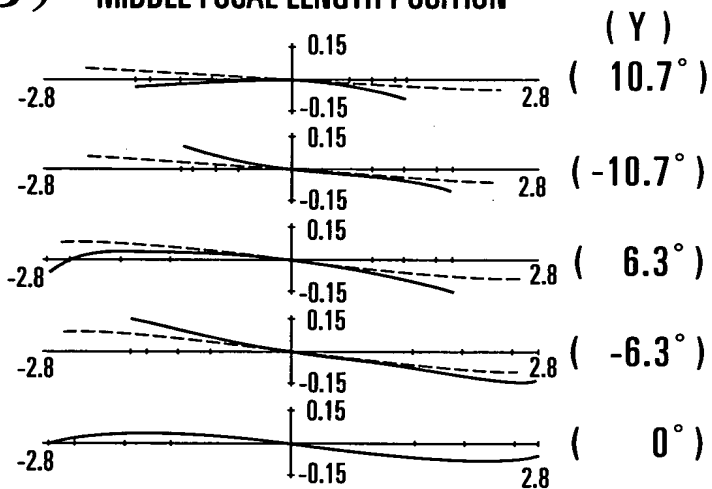


FIG.12(C) TELEPHOTO END

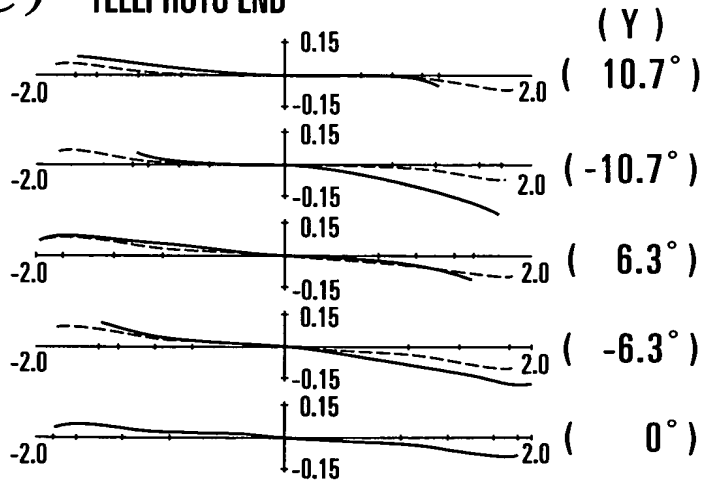


FIG.13(A) WIDE-ANGLE END

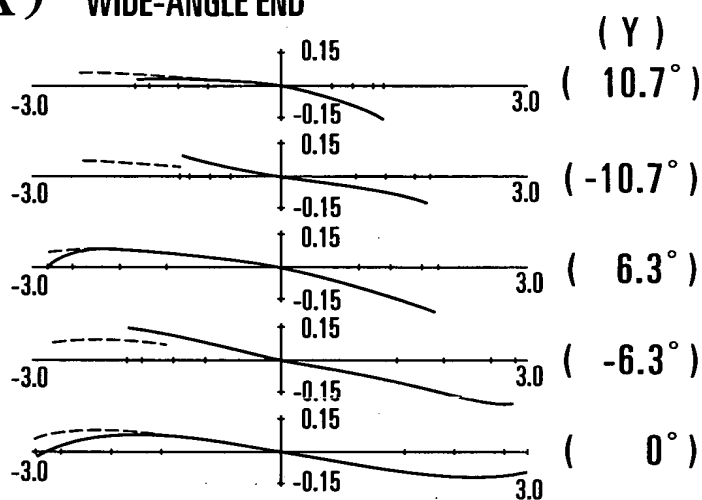


FIG.13(B) MIDDLE FOCAL LENGTH POSITION

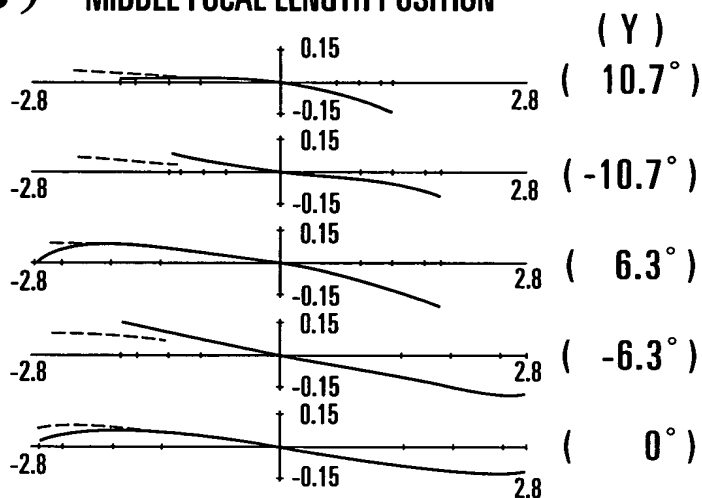


FIG.13(C) TELEPHOTO END

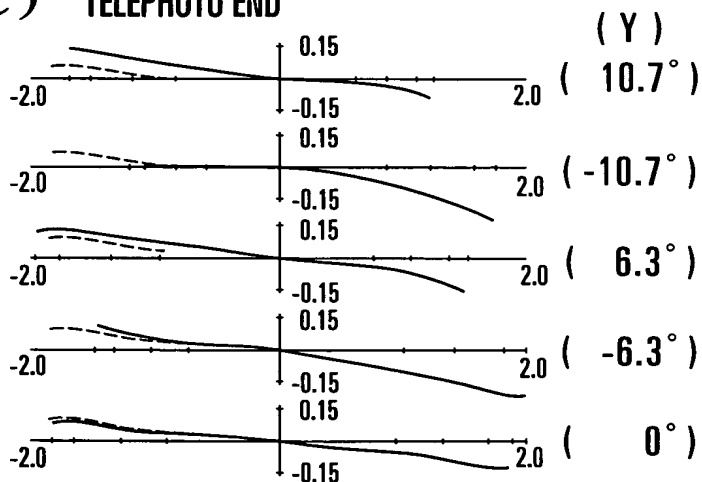


FIG.14(A) WIDE-ANGLE END

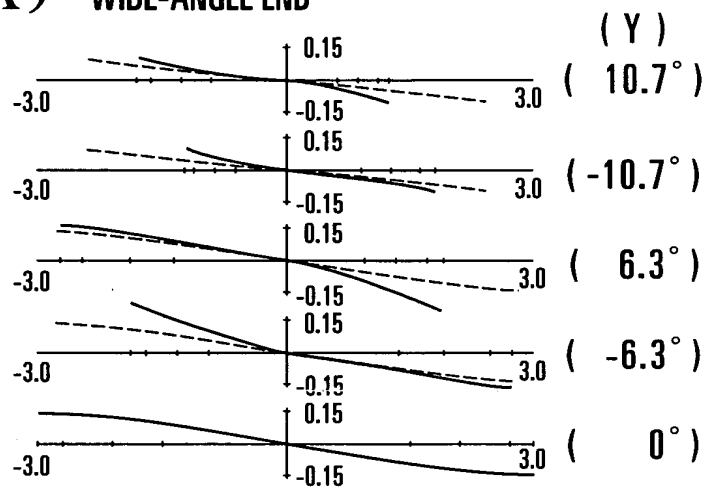


FIG.14(B) MIDDLE FOCAL LENGTH POSITION

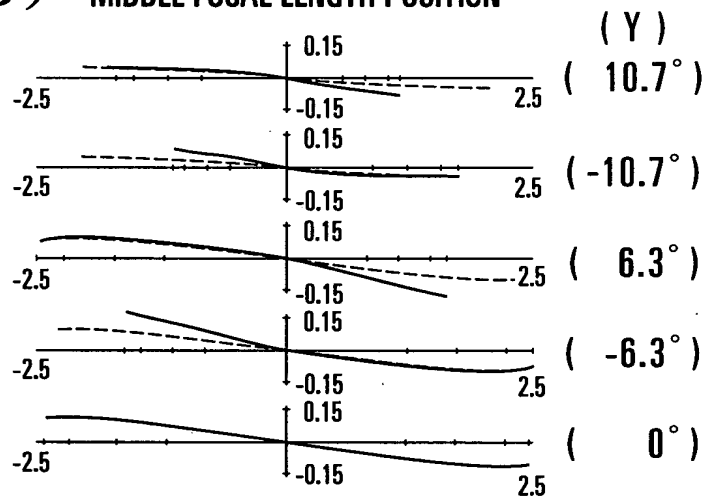


FIG.14(C) TELEPHOTO END

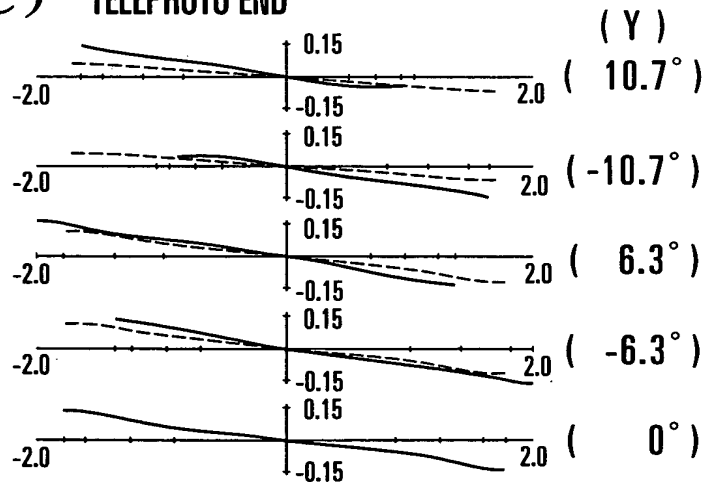


FIG.15(A) WIDE-ANGLE END

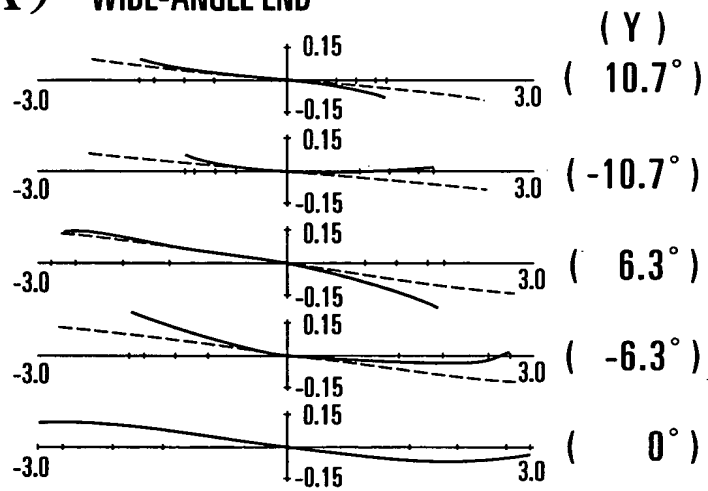


FIG.15(B) MIDDLE FOCAL LENGTH POSITION

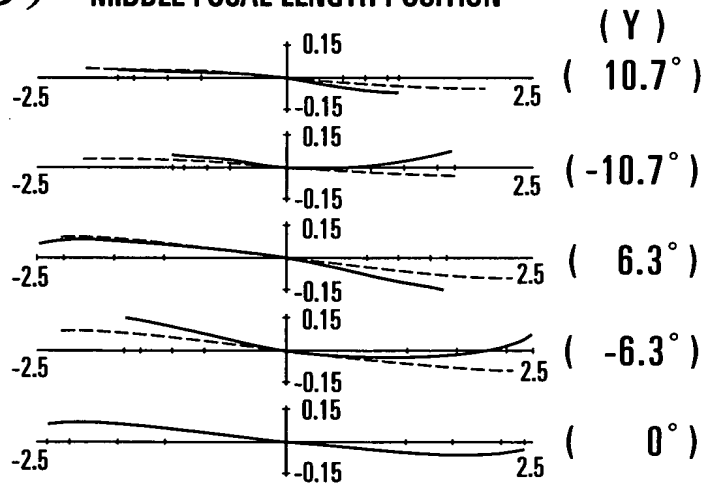


FIG.15(C) TELEPHOTO END

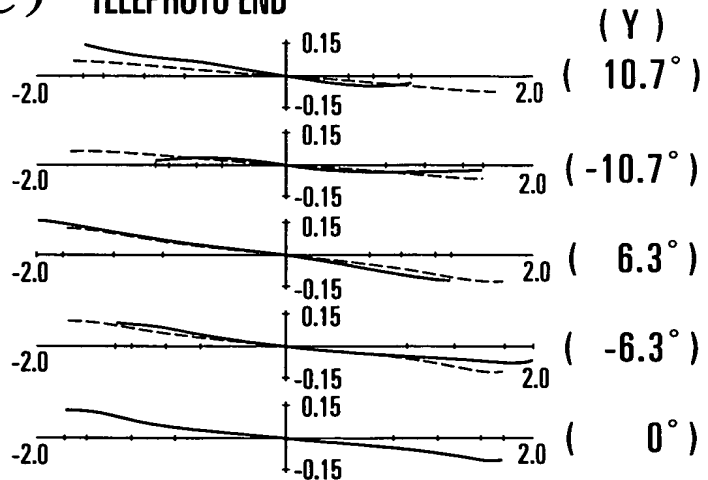


FIG. 17

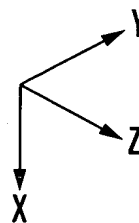
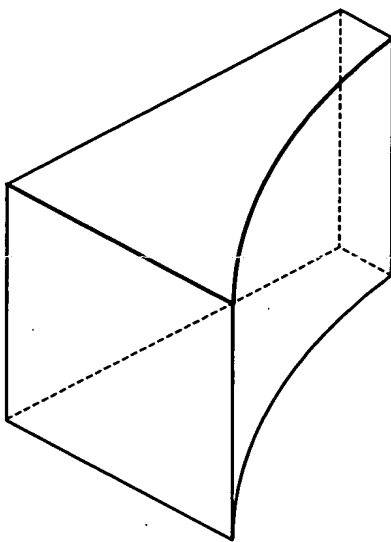


FIG. 18

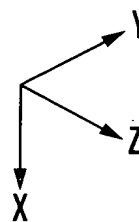
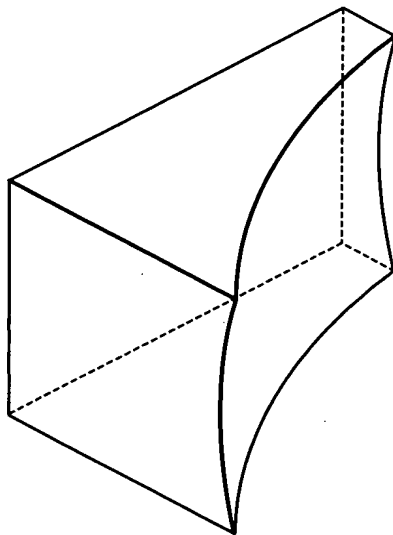


FIG. 23

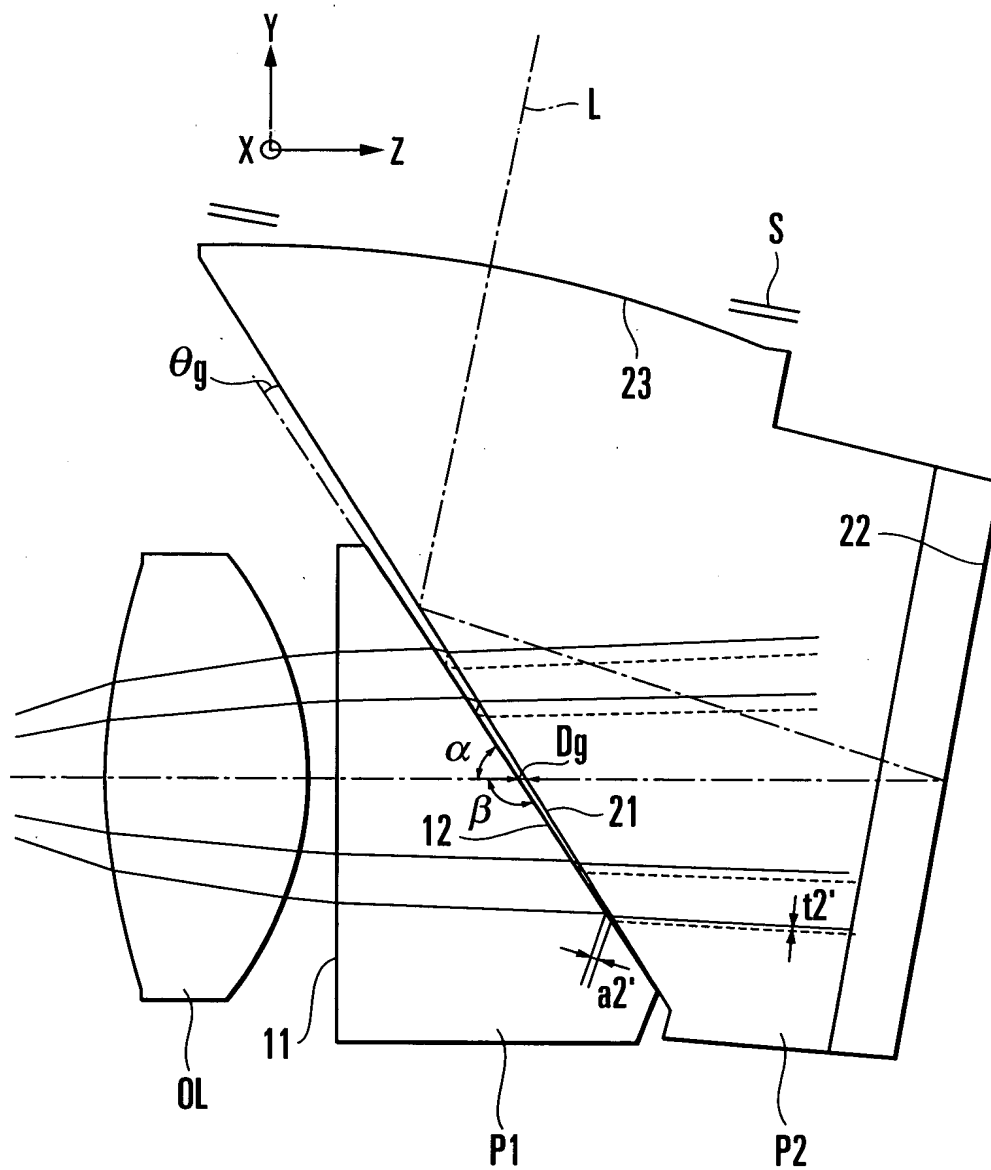


FIG. 24

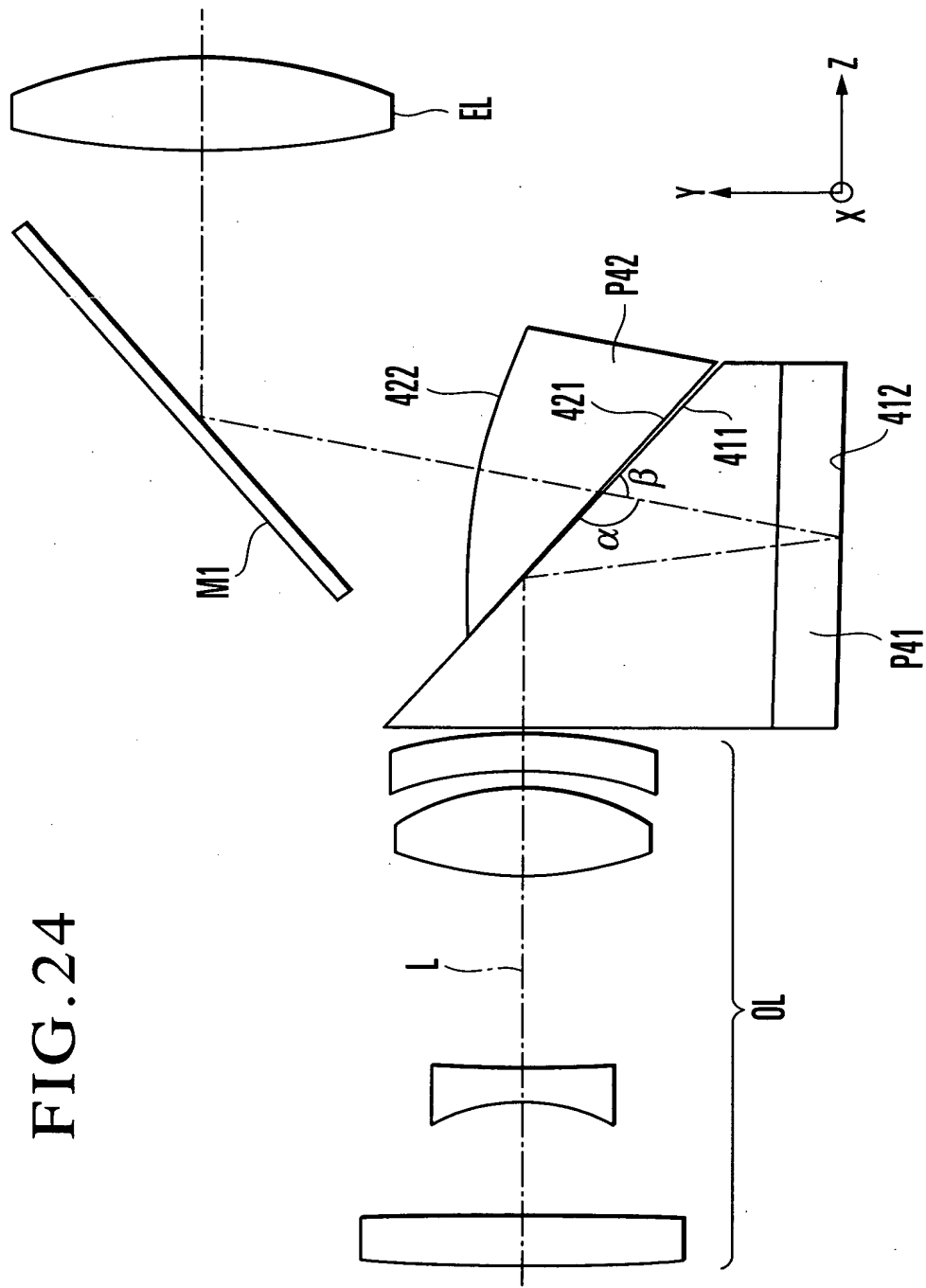


FIG. 26

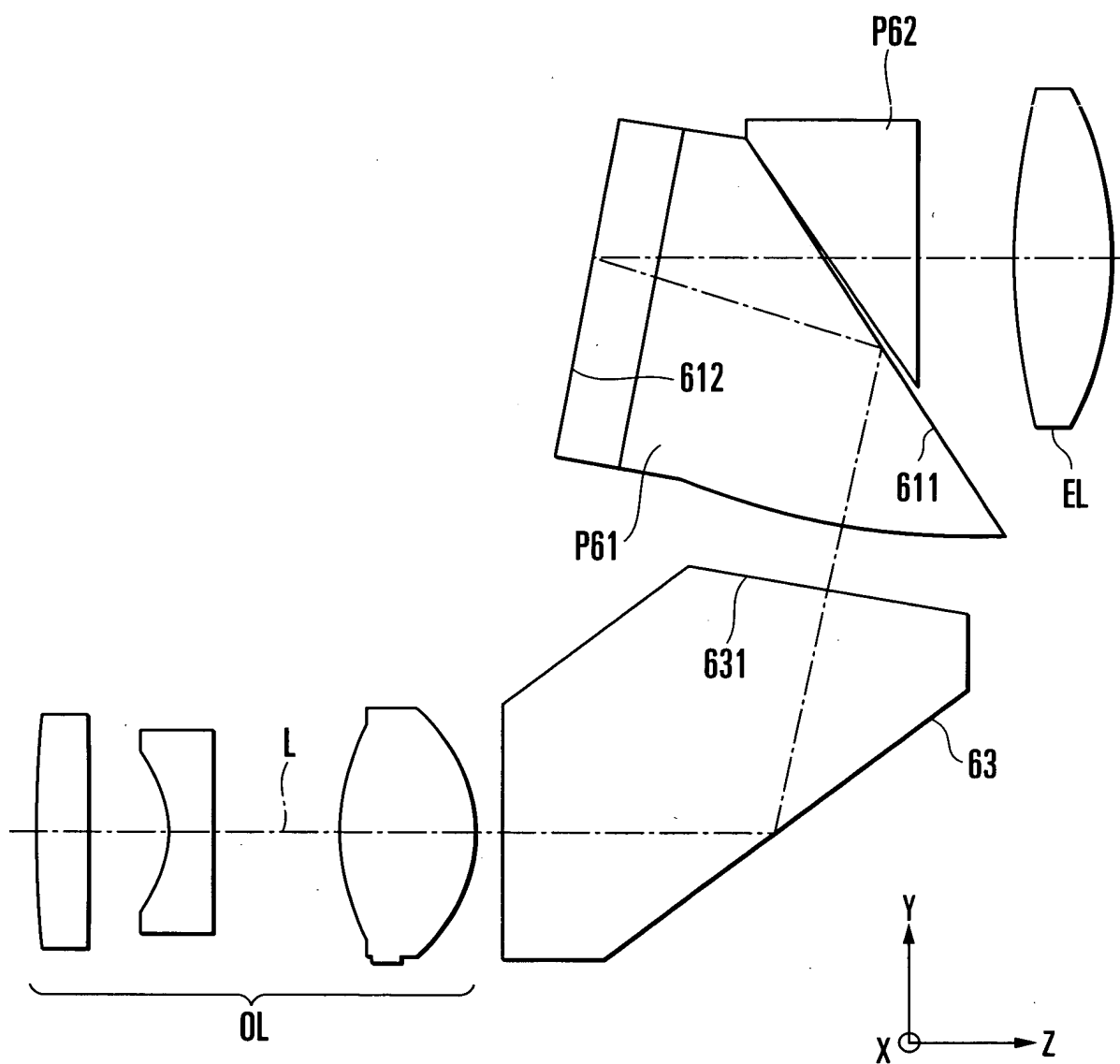


FIG. 27

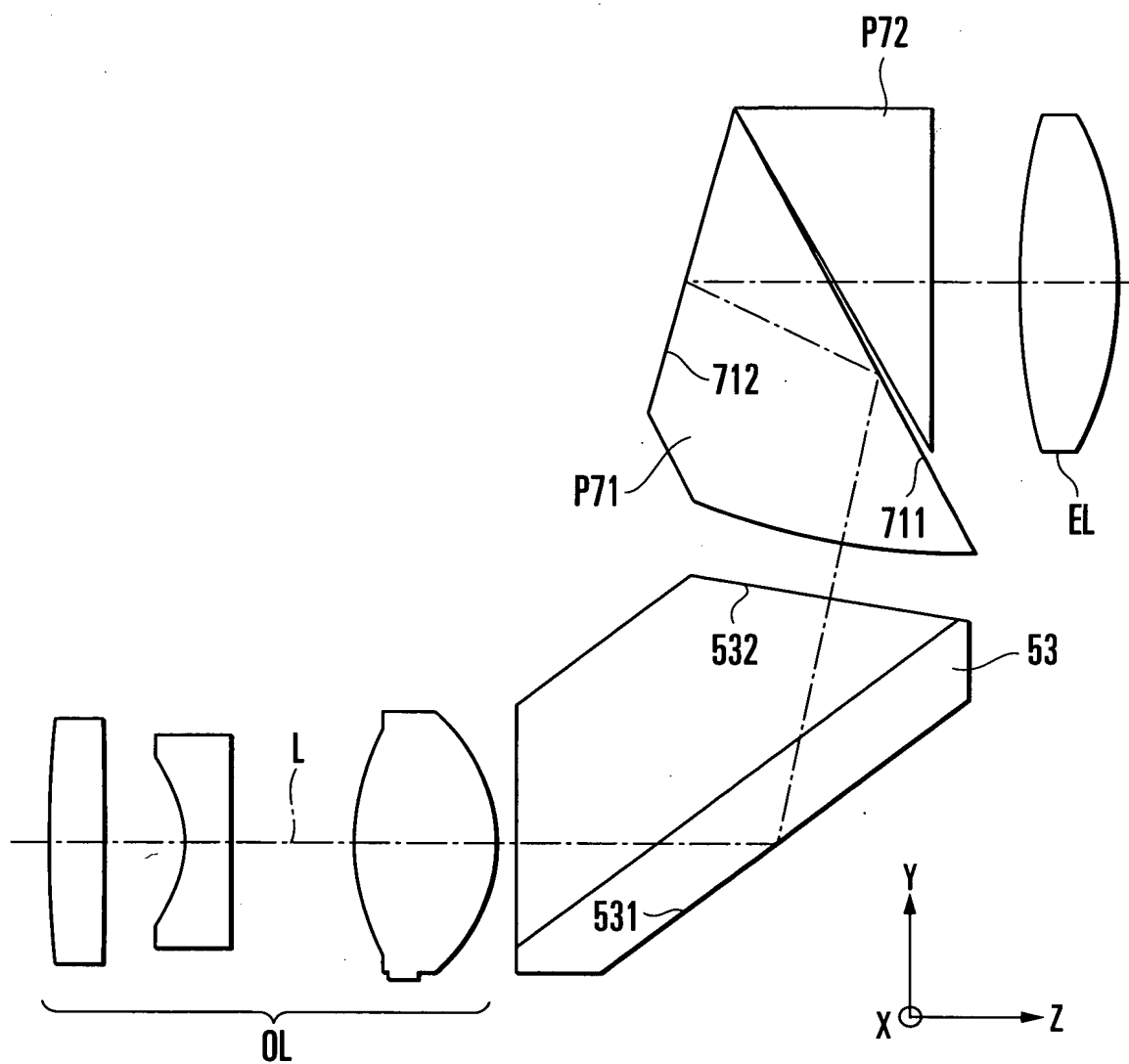


FIG.29(A)

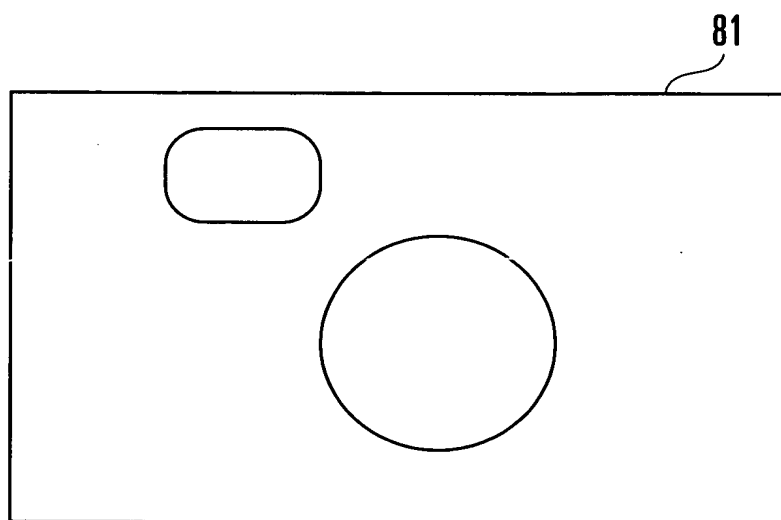


FIG.29(B)

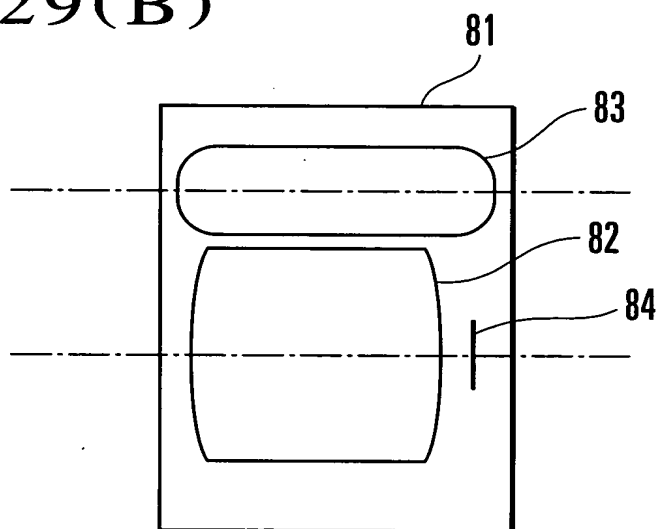


FIG. 31
PRIOR ART

